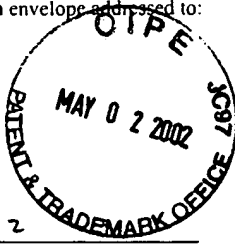


I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Assistant Commissioner for Patents
Washington, D.C. 20231



COPY OF PAPERS
ORIGINALLY FILED

Attorney Docket No.: 018563-003410US
Client Reference No.: AT-00075.1US

PATENT

3732
#4
FDS
MA
5/17/02

On 04/22/02

TOWNSEND and TOWNSEND and CREW LLP

By: *Brad J. Loos*
Brad J. Loos

RECEIVED

MAY 15 2002

Technology Center 2100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SERGEY NIKOLSKIY et al.

Application No.: 09/888,261

Filed: June 21, 2001

For: EFFICIENT DATA
REPRESENTATION OF TEETH
MODEL

Examiner: Unassigned

Art Unit: 3732

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

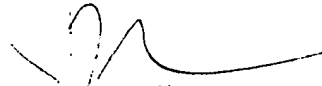
The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application Nos. 09/506,419 and 09/576,721, filed February 17, 2000 and June 21, 2001 (Attorney Docket Nos. 018563-004600US and 018563-003400US), respectively. It is requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

10 3100 MAIL ROOM
FBI-7
10 3100 MAIL ROOM

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



James M. Heslin
Reg. No. 29,541

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: 650-326-2400
Fax: 650-326-2422
JMH:bjl:ao

Please type a plus sign (+) inside this box

COPY OF PATENTS
ORIGINALLY FILED

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Sheet	1	of		Application Number	09/888,261
				Filing Date	06/21/2001
				First Named Inventor	NIKOLSKIY, SERGEY
				Group Art Unit	3732
				Examiner Name	Unassigned
				Attorney Docket Number	018563-003410US

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	4,793,803		Martz	12/1988	
	AB	5,338,198		Wu et al.	08/1994	
	AC	5,590,248-A		Zarge et al.	12/1996	
	AD	5,605,459		Kuroda et al.	02/1997	
	AE	5,607,305-A		Andersson	03/1997	
	AF	5,882,192-A		Bergersen	03/1999	
	AG	6,015,289-A		Andreiko et al.	01/2000	
	AH	6,044,170-A		Migdal et al.	03/2000	
	AI	6,044,309-A		Honda	03/2000	
	AJ	6,049,743-A		Baba	04/2000	
	AK	6,205,243B1		Migdal	03/2001	
	AL	6,217,334		Hultgren	04/2001	
	AM	6,227,850B1		Chishti et al.	05/2001	

RECEIVED

MAY 15 2002

Technology Center 2100

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ³	Kind Code ⁵ (if known)				
	AN	PCT	WO98/32394	A1	Hultgren	07/1998		

Examiner
Signature

Date
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

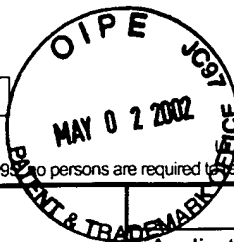
¹ Unique citation designation number ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PA 3214946 v1

Please type a plus sign (+) inside this box →

+



COPY OF PAGES
ORIGINALLY FILED

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of

Complete if Known

Application Number	09/888,261
Filing Date	06/21/2001
First Named Inventor	NIKOLSKIY, SERGEY
Group Art Unit	3732
Examiner Name	Unassigned
Attorney Docket Number	018563-003410US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AO	Bohm, W. Farin, G., Kahmann, J., "A Survey of Curve and Surface Methods in CAGD," Computer Aided Geometric Design 1 (1984) pp. 1-60.	
	AP	Doyle, "Digital Dentistry" <i>Computer Graphics World</i> (October 2000) pp. 50-52, 54.	
	AQ	Foley et al., "Fundamentals of Interactive Computer Graphics," Addison-Wesley Publishing Co., pp. 514-533.	
	AR	Redmond et al., "Clinical Implications of Digital Orthodontics," <i>Am J. Orthodont. Dentofacial Orthopedics</i> (2000) 117(2) pp. 240-242.	
	AS	Rogers, David F. and Adams, Alan, "Mathematical Elements for Computer Graphics, MacGraw Hill Publishing Co., 2d Ed. pp. 426-450.	
	AT	Watt et al., "Advanced Animation and Rendering Techniques Theory and Practice," Addison-Wesley Publishing Co., pp. 101-110.	

Examiner
Signature

Date
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.
PA 3214946 v1